

Endeavor Data Summary

Cruise 6/26/2010

Review Date 6/27/2010

Summary:

The RV Endeavor conducted a "tow yo" sampling in which the CTD was deployed and lowered to depths of approximately 900 meters to 1349 meters. Water samples were collected at the western plume site (Station EN14). Samples were collected every 15 meters between the depths of 1065 meters and 1200 meters.

Science results and preliminary interpretation:

It is anticipated that laboratory results (TPH, VOA) will yield high resolution information about the chemical composition of the plume.

AUV Sentry mission completed in area of features of interest that were found during "tow yo" operations.

Problems/Operational issues:

There were technical difficulties with the sensor and profile data are not uploaded as of yet. Once data are uploaded, more complete information will be provided.

The CTD plot for today's station is not included since the sensor failed and was replaced. The Endeavor is awaiting the software update to upload and process data from EN14.

Planned activities for the next 24 hours:

Another Sentry mission was scheduled for the evening of 6/26/2010.